

CLAIMS

1) A device for treating a packaging material (2) by means of UV radiation, the device comprising a source (6) of said radiation, and a screen (8) for protecting said source (6) and which is interposed between the source (6) and the material (2) for treatment; characterized in that said screen (8) comprises a film of a polymer resistant and permeable to said UV radiation.

2) A device as claimed in Claim 1, characterized in that said polymer is fluorinated.

3) A device as claimed in Claim 1, characterized in that said polymer is completely fluorinated.

4) A device as claimed in Claim 3, characterized in that said polymer is in the perfluoroalkoxy (PFA) class.

5) A device as claimed in Claim 4, characterized in that said polymer is an MFA.

6) A device as claimed in any one of the foregoing Claims, characterized in that said film (9) is of a thickness ranging between 20 and 200 μm .

7) A device as claimed in Claim 6, characterized in that the thickness of said film is selected between 40 μm or 100 μm .

8) A device as claimed in any one of the foregoing Claims, characterized in that said screen (8) comprises

a pair of substantially rigid grilles (10) between which said film (9) is supported.